

STIC-Biotech/ChemLib

157 758

me

From: Chan, Christina
Sent: Tuesday, June 28, 2005 1:07 PM
To: Yu, Misook; STIC-Biotech/ChemLib
Subject: RE: Rush search request 09/994,365

Please/rush. Thanks Chris

Chris Chan

TC 1600 New Hire Training Coordinator and SPE 1644
(571)-272-0841
Remsen, 3E89

RECEIVED
JUN 28 2005
STIC

-----Original Message-----

From: Yu, Misook
Sent: Tuesday, June 28, 2005 8:20 AM
To: Chan, Christina
Subject: Rush search request 09/994,365

Pls approve rush search. It is due this biweek.

Stic,
Pls do Interference search only for SEQ ID NO: 1

Examiner Misook Yu, Ph.D.
571-272-0839 (Phone)
Art Unit 1642
REM-3A18 (Room)
REM-3C18 (Mail Box)

STAFF USE ONLY

Searcher: noble
Searcher Phone: 2-
Date Searcher Picked up: 6/30/05
Date Completed: 3
Searcher Prep/Rev. Time: 3
Online Time: 3

Type of Search

NA#: 1 AA#: 1
Interference: 1 SPDI: 1
S/L: 1 Oligomer: 1
Encode/Transl: 1
Structure#: 1 Text: 1
Inventor: 1 Litigation: 1

Vendors and cost where applicable

STN: 1
DIALOG: 1
QUESTEL/ORBIT: 1
LEXIS/NEXIS: 1
SEQUENCE SYSTEM: compugen
WWW/Internet: 1
Other(Specify): 1

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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 29, 2005, 21:01:04 ; Search time 661 Seconds
(without alignments)
8425.433 Million cell updates/sec

Title: US-09-994-365-1

Perfect score: 891

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Gapop 10.0 , Gapext 1.0

Searched: 6067389 seqs, 3125258755 residues

Total number of hits satisfying chosen parameters: 12134778

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	775.4	87.0	2987	9	US-09-994-365-10
3	775.4	87.0	3001	9	US-09-994-365-4
4	775	87.0	55050	19	US-10-467-752-4
5	773.8	86.8	25235	16	US-10-164-230-2
6	563.4	63.2	565	16	US-10-029-386-5700
7	557.8	62.6	3673778	16	US-10-312-841-1
					Sequence 1, Appli
					Sequence 1, Appli
					Sequence 10, Appli
					Sequence 4, Appli
					Sequence 4, Appli
					Sequence 2, Appli
					Sequence 5700, Ap
					Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-09-994-365-1

; Sequence 1, Application US/09994365

; Patent No. US20020115148A1

; GENERAL INFORMATION:

; APPLICANT: Charmley, Patrick

; APPLICANT: Moss, Patrick

; APPLICANT: McEuen, Mark

; TITLE OF INVENTION: Compositions and Methods for Diagnosing or Treating Psoriasis

; FILE REFERENCE: CECH18109

; CURRENT APPLICATION NUMBER: US/09/994,365

; CURRENT FILING DATE: 2001-11-26

; PRIOR APPLICATION NUMBER: US 60/253,592

; PRIOR FILING DATE: 2000-11-28

; PRIOR APPLICATION NUMBER: US 60/256,839

; PRIOR FILING DATE: 2000-12-15

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 1

; LENGTH: 891

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (64)..(471)

US-09-994-365-1

Query Match 100.0%; Score 891; DB 9; Length 891;

Best Local Similarity 100.0%; Pred. No. 9.1e-258;

Matches 891; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Sequence 1191, Ap
Sequence 5077, Ap
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Sequence 1481, Ap
Sequence 1189, Ap
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Sequence 346, App
Sequence 48694, A
Sequence 47, Appli
Sequence 8, Appli
Sequence 1857, Ap
Sequence 1513, Ap
Sequence 532, App
Sequence 22795, A
Sequence 11145, A
Sequence 29, Appli
Sequence 9375, Ap
Sequence 1403, Ap
Sequence 1141, Ap
Sequence 102047, A
Sequence 51978, A
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Sequence 118813, A
Sequence 17102, A
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Sequence 40850, A
Sequence 1265, Ap
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Sequence 1, Appli
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Sequence 82176, A
Sequence 28390, A
Sequence 23585, A

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RESULT 2
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; Sequence 10, Application US/09994365
; Patent No. US20020115148A1
; GENERAL INFORMATION:
; APPLICANT: Charmley, Patrick
; APPLICANT: Moss, Patrick
; APPLICANT: McEuen, Mark
; TITLE OF INVENTION: Compositions and Methods for Diagnosing or Treating Psoriasis
; FILE REFERENCE: CECH118109
; CURRENT APPLICATION NUMBER: US/09/994,365

; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US 60/253,592
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 60/256,839
; PRIOR FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 2997
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-994-365-10

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Best Local Similarity 99.9%; Pred. No. 8.1e-223;
Matches 776; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Db 2858 CTTGGGAGGGCTATGTTACTGTTCCTTCTGCCACTGTGGCGCGGCGGAGAACT 2917
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RESULT 3
US-09-994-365-4
; Sequence 4, Application US/09994365

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; Patent No. US20020115148A1
; GENERAL INFORMATION:
; APPLICANT: Charmley, Patrick
; APPLICANT: Moss, Patrick
; APPLICANT: McEuen, Mark
; FILE OF INVENTION: Compositions and Methods for Diagnosing or Treating Poor
; FILE REFERENCE: CECH118109
; CURRENT APPLICATION NUMBER: US/09/994,365
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US 60/253,592
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 60/256,839
; PRIOR FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 3001
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-994-365-4

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Best Local Similarity 99.9%; Pred. No. 8.1e-223;
Matches 776; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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 ; Sequence 2, Application US/10164230
 ; Publication No. US20030170652A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Inoko, Hidetoshi
 ; APPLICANT: Tamiya, Gen
 ; TITLE OF INVENTION: METHOD OF TESTING FOR PSORIASIS VULGARIS
 ; FILE REFERENCE: 06501-112U81
 ; CURRENT APPLICATION NUMBER: US/10/164,230
 ; CURRENT FILING DATE: 2002-09-04
 ; PRIOR APPLICATION NUMBER: PCT/JP00/08624
 ; PRIOR FILING DATE: 2000-12-06
 ; PRIOR APPLICATION NUMBER: JP 11/346867
 ; PRIOR FILING DATE: 1999-12-06
 ; NUMBER OF SEQ ID NOS: 63
 ; SOFTWARE: Fast-SEQ for Windows Version 4.0
 ; SEQ ID NO 2
 ; LENGTH: 25235

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 ; ORGANISM: Homo sapiens
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 US-10-164-230-2

Query Match 86.8%; Score 773.8; DB 16; Length 25235;

Best Local Similarity 99.7%; Pred. No. 4.2e-222;
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 QY 175 GCAGGCTCCCAACATTGCTCAGGGCCCCCAGTCCCGGTGACCCCTTGGCCAGGGGA 234
 Db 1811 GCAGGCTCCCAACATTGCTCAGGGCCCCCAGTCCCGGTGACCCCTTGGCCAGGGGA 1870
 QY 235 CCCCCTCTCTTTGAAGATCCTCCGCTACCCGCCCGCAGTCGTCCCTGAGAGACCTGSCCT 294
 Db 1871 CCCCCTCTCTTTGAAGATCCTCCGCTACCCGCCCGCAGTCGTCCCTGAGAGACCTGSCCT 1930
 QY 295 GAAACTGGAGTCTGGCCCCCTGAAACCGCTAGAAACGATCCTCTCAACCTCCCGGCCT 354
 Db 1931 GAAACTGGAGTCTGGCCCCCTGAAACCGCTAGAAACGATCCTCTCAACCTCCCGGCCT 1990
 QY 355 GAGGACCTTGGCGGAGGACCCAGACCCCGGAGAAACCCCTGGCCTCTGCCCCCTGAG 414
 Db 1991 GAGGACCTTGGCGGAGGACCCAGACCCCGGAGAAACCCCTGGCCTCTGCCCCCTGAG 2050
 QY 415 GTGGACAACCGACCTCAGGAGGAGCCAGACCTAGACCCACCCCGGGAAGAGTACAGATAA 474
 Db 2051 GTGGACAACCGACCTCAGGAGGAGCCAGACCTAGACCCACCCCGGGAAGAGTACAGATAA 2110
 QY 475 TGGAGTCCCTCAGCGGTTCTGTTCCAGGATCTCCAGGACCCACGCGCTTCCACCC 534
 Db 2111 TGGAGTCCCTCAGCGGTTCTGTTCCAGGATCTCCAGGACCCACGCGCTTCCACCC 2170
 QY 535 TCTGATTCGCCGTGAATCTTCCCAATTTAGCCTATCTCTTAAACCTCTTCTCATTC 594
 Db 2171 TCTGATTCGCCGTGAATCTTCCCAATTTAGCCTATCTCTTAAACCTCTTCTCATTC 2230
 QY 595 CTCGGTTTTATTCTGAACCCGTAAGGTGGTGTCTCAATATTTCTGTGCCCTCTTGAGA 654
 Db 2231 CTCGGTTTTATTCTGAACCCGTAAGGTGGTGTCTCAATATTTCTGTGCCCTCTTGAGA 2290
 QY 655 TCATATCTAGTCTCAGATCGCCGTTTTTTCTCTGACAGCTAAGCCTACTCTCCTA 714
 Db 2291 TCATATCTAGTCTCAGATCGCCGTTTTTTCTCTGACAGCTAAGCCTACTCTCCTA 2350
 QY 715 CTTCTGCTCCAGGCTTCGGCCCACTTACCTCCACCCCGTCTTCTGCGCGGCGATCG 774
 Db 2351 CTTCTGCTCCAGGCTTCGGCCCACTTACCTCCACCCCGTCTTCTGCGCGGCGATCG 2410
 QY 775 CTGGGACGGCTATGCTACTGTGTTCCCTTCTGCCACCTGTGGCGGGGAGGAACT 834
 Db 2411 CTGGGACGGCTATGCTACTGTGTTCCCTTCTGCCACCTGTGGCGGGGAGGAACT 2470
 QY 835 ATCAGTAGACGTGCTGCTTCCATGAACGGAAAAATAAAAAATCATGTTTCTTAA 891
 Db 2471 ATCAGTAGACGTGCTGCTTCCATGAACGGAAAAATAAAAAATCATGTTTCTTAA 2527

RESULT 6
 US-10-029-386-5700
 ; Sequence 5700, Application US/10029386
 ; Publication No. US20030194704A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharron G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GI
 ; TITLE OF INVENTION: EXPRESSION ANALYSIS TWO
 ; FILE REFERENCE: AEOMICA-X-2
 ; CURRENT APPLICATION NUMBER: US/10/029,386
 ; CURRENT FILING DATE: 2001-12-20
 ; NUMBER OF SEQ ID NOS: 34288
 ; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 5700
 ; LENGTH: 565

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; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: expressed
; LOCATION: (3294164)
; US-10-312-841-1

; OTHER INFORMATION: MAP TO AB023060.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.82
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.82
; OTHER INFORMATION: SWISSPROT HIT: Q99715, EVALUE 6.20e-01
; OTHER INFORMATION: EST HUMAN HIT: BF513178.1, EVALUE 0.00e+00
; OTHER INFORMATION: NT HIT: g115304354, EVALUE 0.00e+00
; US-10-029-386-5700

Query Match      63.2%; Score 563.4; DB 16; Length 565;
Best Local Similarity 99.8%; Pred. No. 3.6e-159;
Matches 564; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 235 CCCCCTCTCTTTGAAGATCTCCGCTACCGCCCGCCAGTGGTCCCTGGAGACCTGCGCT 294
Db 1 CCCCCTCTCTTTGAAGATCTCCGCTACCGCCCGCCAGTGGTCCCTGGAGACCTGCGCT 60
QY 295 GAAACTGGAGTCTGGCCCTGAAACCGCTAGAACGGATCCTCTCAACCTCCCGCGCCT 354
Db 61 GAAACTGGAGTCTGGCCCTGAAACCGCTAGAACGGATCCTCTCAACCTCCCGCGCCT 120
QY 355 GACGACCTTTGGCCGCGAGACCCAGCCAGCCAGAGAAACCCCTGGCTCTGCGCCCTGAG 414
Db 121 GACGACCTTTGGCCGCGAGACCCAGCCAGCCAGAGAAACCCCTGGCTCTGCGCCCTGAG 180
QY 415 GTGGACAACCGACCTCAGGAGGAGCAGACCTAGACCCACCCCGGGAAGATACAGATAA 474
Db 181 GTGGACAACCGACCTCAGGAGGAGCAGACCTAGACCCACCCCGGGAAGATACAGATAA 240
QY 475 TGGAGTCCCTCAGCGCTTCTGTTCAGGATCTCCAGGACCCAGCCCTCTCCACCC 534
Db 241 TGGAGTCCCTCAGCGCTTCTGTTCAGGATCTCCAGGACCCAGCCCTCTCCACCC 300
QY 535 TCTGATTCCCGTGAATTTCTCCCAATTTAGCCTATCTCTTAAACCTCTTCTCAATTC 594
Db 301 TCTGATTCCCGTGAATTTCTCCCAATTTAGCCTATCTCTTAAACCTCTTCTCAATTC 360
QY 595 CTCGGTTTATTTCTGAACCGTAAAGTGGTGTCTCAATATTTCTGTCCTCCCTCTGAGA 654
Db 361 CTCGGTTTATTTCTGAACCGTAAAGTGGTGTCTCAATATTTCTGTCCTCCCTCTGAGA 420
QY 655 TCCATATTTAGTCTCAGATCGCCGCTTTTCTCTGACAGCTTAAGCCTACTCTCCTTA 714
Db 421 TCCATATTTAGTCTCAGATCGCCGCTTTTCTCTGACAGCTTAAGCCTACTCTCCTTA 480
QY 715 CTTGCGCTCCAGGCTCGGCCCCACCTACCTCCACCCCGGTCTTCTGCGCGCGATCG 774
Db 481 CTTGCGCTCCAGGCTCGGCCCCACCTACCTCCACCCCGGTCTTCTGCGCGCGATCG 540
QY 775 CTGGGCGAGGCTATGGTACTGTGT 799
Db 541 CTGGGCGAGGCTACGGTACTGTGT 565

RESULT 7
US-10-312-841-1/c
; Sequence 1, Application US/10312841
; Publication No. US20030186277A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Diagnose von bedeutenden genetischen Parametern innerhalb des MHC
; FILE REFERENCE: E01/1208/WO
; CURRENT APPLICATION NUMBER: US/10/312,841
; CURRENT FILING DATE: 2002-12-30
; NUMBER OF SEQ ID NOS: 2
; SEQ ID NO 1
; LENGTH: 3673778
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

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; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (3294164)
; US-10-312-841-1

Query Match      62.6%; Score 557.8; DB 16; Length 3673778;
Best Local Similarity 82.4%; Pred. No. 1.7e-156;
Matches 640; Conservative 0; Mismatches 137; Indels 0; Gaps 0;

QY 115 AGAGGCATCTCAGGAGCGAGGCGCCACCCCTCTCACCCACCCGAGGACCGAGAGGAG 174
Db 1426053 ACAACATCTCAACACACGAAACACACCCCTCTCACCCACCCGCAAAACCCGAAACAA 1425994
QY 175 GCAGGCTCCCAACATTGCTCAGGCGCCCGCCAGTCCCGGTGACCTTTGGCCAGGGGCA 234
Db 1425993 ACAACCTCCCAACATTACTCTCAAAACCCCGCAATCCCGATAACCTTTAACCAAAACA 1425934
QY 235 CCCCCTCTCTTTGAAGATCTCTGCGCTACCGCCCGCCAGTGGTCCCTGGAGAGACCTGCGCT 294
Db 1425933 CCCCCTCTCTTTGAAGATCTCTGCGCTACCGCCCGCCAGTGGTCCCTGGAGAGACCTGCGCT 1425874
QY 295 GAAACTGGAGTCTGGCCCTGAAACCGCTAGAACGGATCCTCTCAACCTCCCGCGCCT 354
Db 1425873 GAAACTGGAGTCTGGCCCTGAAACCGCTAGAACGGATCCTCTCAACCTCCCGCGCCT 1425814
QY 355 GACGACCTTTGGCCGCGAGACCCAGCCAGCCAGAGAAACCCCTGGCTCTGCGCCCTGAG 414
Db 1425813 GACGACCTTTGGCCGCGAGACCCAGCCAGCCAGAGAAACCCCTGGCTCTGCGCCCTGAG 1425754
QY 415 GTGGACAACCGACCTCAGGAGGAGCAGACCTAGACCCACCCCGGGAAGATACAGATAA 474
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QY 475 TGGAGTCCCTCAGCGCTTCTGTTCAGGATCTCCAGGACCCAGCCCTCTCCACCC 534
Db 1425693 TGGAGTCCCTCAGCGCTTCTGTTCAGGATCTCCAGGACCCAGCCCTCTCCACCC 1425634
QY 535 TCTGATTCCCGTGAATTTCTCCCAATTTAGCCTATCTCTTAAACCTCTTCTCAATTC 594
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QY 595 CTCGGTTTATTTCTGAACCGTAAAGTGGTGTCTCAATATTTCTGTCCTCCCTCTGAGA 654
Db 1425573 CTCGGTTTATTTCTGAACCGTAAAGTGGTGTCTCAATATTTCTGTCCTCCCTCTGAGA 1425514
QY 655 TCCATATTTAGTCTCAGATCGCCGCTTTTCTCTGACAGCTTAAGCCTACTCTCCTTA 714
Db 1425513 TCCATATTTAGTCTCAGATCGCCGCTTTTCTCTGACAGCTTAAGCCTACTCTCCTTA 1425454
QY 715 CTTGCGCTCCAGGCTCGGCCCCACCTACCTCCACCCCGGTCTTCTGCGCGCGATCG 774
Db 1425453 CTTGCGCTCCAGGCTCGGCCCCACCTACCTCCACCCCGGTCTTCTGCGCGCGATCG 1425394
QY 775 CTGGGCGAGGCTATGGTACTGTGTTCCTTCTGCGACCTGGTGGCGCGGAGGAACT 834
Db 1425393 CTGGGCGAGGCTATGGTACTGTGTTCCTTCTGCGACCTGGTGGCGCGGAGGAACT 1425334
QY 835 ATCAGTAGACAGCTGCTGCTTCCATGAAACGGAACCAATATATGTTTCTTAA 891
Db 1425333 ATCAGTAGACAGCTGCTGCTTCCATGAAACGGAACCAATATATGTTTCTTAA 1425277

RESULT 8
US-10-312-841-2
; Sequence 2, Application US/10312841
; Publication No. US20030186277A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Diagnose von bedeutenden genetischen Parametern innerhalb des MHC
; FILE REFERENCE: E01/1208/WO
; CURRENT APPLICATION NUMBER: US/10/312,841
; CURRENT FILING DATE: 2002-12-30

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NAME/KEY: modified_base
LOCATION: (379)..(385)
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Qy 709 CTCCTACTCTGGCTCCAGGCTCTGGCGCCACCTTACCACCGGTCTTCCTGCC 764

Db 832 CCGCTACCGCTCCACCGCCCCCCCCCGCCACCGCTCGCCGCTTCGCGCCCC 887

RESULT 15
US-10-017-161-1481/c
; Sequence 1481, Application US/10017161
; Publication No. US20030143668A1
; GENERAL INFORMATION:
; APPLICANT: SUWA, MAKIKO
; APPLICANT: ASAI, KIYOSHI
; APPLICANT: AKIYAMA, YUTAKA
; APPLICANT: ABURATANI, HIROYUKI
; TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTORS

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, NAME/KEY: CDS
, LOCATION: (201)..(5252)
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, NAME/KEY: modified_base
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, NAME/KEY: modified_base
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, FEATURE:
, NAME/KEY: modified_base
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, FEATURE:
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, FEATURE:
, NAME/KEY: modified_base
, LOCATION: (191)..(193)
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, OTHER INFORMATION: a, t, c, g, unknown or other
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, FEATURE:

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Qy 201 CCCCCCAGTCCCGGTGACCTTTGGCCAGGGGCACCCCCTCTCTTTGAAGATCCTCCGCC 360
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4732 NCCNNNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4673
Qy 261 TACCCGCCCCAGTCGTCCCTGGAGAGACCTGCTGAACTGGAGTCTGGCCGCCCTGAACC 320
Db      |||      |||      |||      |||      |||      |||      |||
4672 CCCCCCCCCCNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4613
Qy 321 GCCTAGAACGGATCTCTCAACCTCCCGGCGCTGACGACCTTGGCCGCGAGAGCCCA 380
Db      |||      |||      |||      |||      |||      |||      |||
4612 NNNCCCCCCCCCCCCCNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4553
Qy 381 GCCCCCAGAAAAACCTGCGCTCTCTGCTGAGGTGGAACAACGACCTCAGGAGAGCC 440
Db      |||      |||      |||      |||      |||      |||      |||
4552 CNNNNNNNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4493
Qy 441 AGACCTAGACCCGAGCGGAGAGTACAGATAATGGAGTCCCTCAGCGTCTCTGTTCC 500
Db      |||      |||      |||      |||      |||      |||      |||
4492 CCCCNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4433
Qy 501 CAGGCATCTCCAGGACCCGACGCTCTCCACCTCTGATTCCCGCTGAATTCTTCCCAA 560
Db      |||      |||      |||      |||      |||      |||      |||
4432 NNNNNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4373
Qy 561 TTTAGCCTATCTCTTAAACCTCTTCTCTCATTCCTCGGTTTTTATTCTGAACCCGTAAGS 620
Db      |||      |||      |||      |||      |||      |||      |||
4372 NNNNNNNNNNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4313
Qy 621 TGGTGTCTCAATATTCTCTGTCCTCTCTGAGATCCATCTAGTCTCACAATCGCCCG 580
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4312 CCCCCCCCCCNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4253
Qy 681 TTTTTCCTCTGACAGCTAAGCTACTCTCTCTACCTCGCTCCAGGCTCGGCCCCACC 740
Db      |||      |||      |||      |||      |||      |||      |||
4252 CCCCCCNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4193
Qy 741 TACCTCCCAACCGGTCTTCTGCCCC 767
Db      |||      |||      |||      |||      |||      |||      |||
4192 NNNNNCCCCCNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCNCCGNCN 4166

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 Job time : 678 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 29, 2005, 13:48:13 ; Search time 197 Seconds
(without alignments)
7400.622 Million cell updates/sec

Title: US-09-994-365-1

Perfect score: 891

Sequence: 1 cctctgggggtcccgagca.....taaaaatcatgtttttttaa 891

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 1202784 seqs, 818138359 residues

Total number of hits satisfying chosen parameters: 2405568

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	80.8	9.1	7218	1	US-08-232-463-14
3	45.4	5.1	2220	3	US-08-765-907A-14
4	45.4	5.1	2220	4	US-09-987-614A-14
5	45.4	5.1	4496	3	US-08-765-907A-6
6	45.4	5.1	4496	4	US-09-987-614A-6
7	44.8	5.0	53526	3	US-08-658-136-2
8	44.8	5.0	53577	3	US-08-658-136-1
C 9	44.6	5.0	43414	4	US-09-949-016-12839
10	44.6	5.0	43415	4	US-09-949-016-16491
11	43.8	4.9	645	2	US-08-403-8520-9
12	43.8	4.9	645	3	US-08-510-646B-9
13	43.8	4.9	645	3	US-09-231-818-9
14	43.8	4.9	645	4	US-09-635-359B-9
C 15	42.6	4.8	1926	3	US-09-249-585A-2
C 16	42.6	4.8	1926	4	US-09-410-399-3
C 17	42.6	4.8	2580	3	US-09-050-863-2
C 18	42.6	4.8	2580	3	US-09-359-081-2
19	42.6	4.8	5452	2	US-09-130-114-1
20	42.6	4.8	8705	4	US-09-647-344A-14
C 21	42.6	4.8	9600	3	US-08-910-647-1
C 22	42.6	4.8	9600	3	US-09-620-925-1
C 23	42.6	4.8	10596	1	US-07-884-811-15
C 24	42.6	4.8	10596	1	US-07-885-971-15
C 25	42.6	4.8	10596	1	US-08-087-783A-15
C 26	42.6	4.8	10596	1	US-08-194-088B-15
C 27	42.6	4.8	10596	2	US-08-194-087-15

C 28	42.6	4.8	10596	5	PCT-US93-04648-15	Sequence 15, Appl
29	42.6	4.8	16080	4	US-09-724-566A-48	Sequence 48, Appl
30	42.6	4.8	16080	4	US-09-471-669A-48	Sequence 48, Appl
31	42.6	4.8	152331	3	US-09-128-155-16	Sequence 16, Appl
32	42.4	4.8	234884	4	US-09-949-016-16420	Sequence 16420, A
C 33	41.4	4.6	1059	4	US-09-902-540-5576	Sequence 5576, Ap
C 34	41.4	4.6	41927	4	US-09-902-540-1268	Sequence 1268, Ap
35	41	4.6	364	4	US-09-621-976-17202	Sequence 17202, A
36	41	4.6	1166	3	US-09-072-596-323	Sequence 323, App
37	41	4.6	1166	4	US-09-072-596-328	Sequence 328, App
38	41	4.6	3297	4	US-09-620-312D-417	Sequence 417, App
39	40.6	4.6	64377	4	US-09-949-016-15212	Sequence 15212, A
40	40.6	4.6	64377	4	US-09-949-016-15213	Sequence 15213, A
41	40.6	4.6	64377	4	US-09-949-016-15214	Sequence 15214, A
42	40.6	4.6	64377	4	US-09-949-016-15215	Sequence 15215, A
43	40.6	4.6	64377	4	US-09-949-016-15216	Sequence 15216, A
C 44	39.8	4.5	325034	4	US-09-949-016-14957	Sequence 14957, A
C 45	39.8	4.5	389504	4	US-09-949-016-11774	Sequence 11774, A

ALIGNMENTS

RESULT 1

US-09-621-976-9776/c
; Sequence 9776, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTS and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 9776
; LENGTH: 248
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 188
; OTHER INFORMATION: n=a, g, c or t
US-09-621-976-9776

Query Match 18.0%; Score 160; DB 4; Length 248;
Best Local Similarity 93.0%; Pred. No. 1.4e-35;
Matches 173; Conservative 5; Mismatches 5; Indels 3; Gaps 1;

QY	293	CTGAACCTGGAGTCTGGCCCTGACCGCGCTAGACGGATCCTCTCAACCTCCCGGC 352
Db	186	CTGAACCTGGAGTCTGGCCCTGACCGCGCTAGACGGATCCTCTCAACCTCCCGGC 127
QY	353	CTGACGACCTCTGGCGCGGAGGAGCCCTCCAGCAAAACCTCGCTCTCTGCCCC 409
Db	126	CTGACGACCTCTGGCGCGGAGGAGCCCTCCAGCAAAACCTCGCTCTCTGCCCC 67
QY	410	CTGAGGTGGACAAACCGACCTCAGGAGGAGCCAGACCTAGACCCACCCCGGGAAGGTACA 469
Db	66	CTGAGGTGGACAAACCGACCTCAGGAGGAGCCAGACCTAGACCCACCCCGGGAAGGTACA 7
QY	470	GATAAT 475
Db	6	GATAAT 1

RESULT 2

US-08-232-463-14
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:


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; CURRENT APPLICATION NUMBER: US/08/765,907A
; CURRENT FILING DATE: 1997-03-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4496
; TYPE: DNA
; ORGANISM: Streptomyces pristinaespiralis
US-08-765-907A-6

Query Match          5.1%; Score 45.4; DB 3; Length 4496;
Best Local Similarity 46.0%; Pred. No. 0.018;
Matches 192; Conservative 0; Mismatches 221; Indels 4; Gaps 1;

QY 14 CCAGGCACCAGACTCAGCCACCCAGCTTTGGGGCCAGTAGACATAGCCATGATCTCA 73
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
3205 CCACCGACACCGACCTGGGSCCTCAGCGCGGTGATCACCGAATGGGACCTGCCGCTGC 3264

QY 74 ACTGGAAGCTCTGGGGATCTTGCTCTTTGCTGCACACACAGAGGATCTCAGGCAGCG 133
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
3265 TCGGGGTGTGCTTGGGCCACACAGGCCCTGTGCTCTGCGCGCGCGCGCTGCTCCACG 3324

QY 134 AGGGCCACCCCTCTCACCCACCGCAGAGACCGAGGAGGAGGAGCTCCCAACATTGC 193
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
3325 CACCCGAACCTTTACGGCCCG- - -ACAGGACATCGGCCACACAGGGCAGGGCGTG 3380

QY 194 CTCAGGGCCCCCAGTCCCGGCTGACCTTTGGCCAGGGGACCCCTCTCTTTGAAGATC 253
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
3381 TTCCGGAACATCCCTCCCGCTGACCGTGGTCCGCTACCACTCGCTGACCGTCCGSCAA 3440

QY 254 CTCGCGCTACCGCCCGCAGTGTCTCTGAGAGACCTGCTGAACTGGAGTCTGGCCCC 313
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
3441 CTGCGCGCGA|CTGCGCGCCACCGCCACACCGCGGACGGGACGTGATGGCGCTGCC 3500

QY 314 CTGAACCGCTAGACGGATCTCTCACTCCCGGCTGACGACCTTGCGCGGCGAG 373
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
3501 CACCGCACCTGCGCCGCTTGGCGTGCATGTTCCACCCGAATCGATCAGCAGGAAAC 3560

QY 374 GACCCAGGCCCCAGAAAAACCCCTGCGCTCTGCCCTCTGAGGTGGACAAACCGACCTC 430
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
3561 GGCACCGGATGCTGCCAACTTCGGGACCTGTCTCTGCGCGGCGCGGCCACCGC 3617

RESULT 6
US-09-987-614A-6
; Sequence 6, Application US/09987614A
; Patent No. 683382
; GENERAL INFORMATION:
; APPLICANT: BLANC, Veronique
; APPLICANT: THIBAUT, Denia
; APPLICANT: BAMES-JACQUES, Nathalie
; APPLICANT: BLANCHE, Francia
; APPLICANT: COUZET, Joel
; APPLICANT: BARRIERE, Jean-Claude
; APPLICANT: DEBUSSCHE, Laurent
; APPLICANT: FAMECHON, Alain
; APPLICANT: PARIS, Jean-Marc
; APPLICANT: DUTRUC-ROSSET, Gillea
; TITLE OF INVENTION: Streptograms And Method For Preparing Same By
; TITLE OF INVENTION: Mutasynthesis
; FILE REFERENCE: Streptogramin genes
; CURRENT APPLICATION NUMBER: US/09/987,614A
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US/08/765,907
; PRIOR FILING DATE: 1997-03-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 4496
; TYPE: DNA
; ORGANISM: Streptomyces pristinaespiralis
US-09-987-614A-6

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Query Match 5.1%; Score 45.4; DB 4; Length 4496;
Best Local Similarity 46.0%; Pred. No. 0.018;
Matches 192; Conservative 0; Mismatches 221; Indels 4; Gaps 1;
QY 14 CAGGACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCA 73
DB 3205 CCACCGACACCGACCTGGGCTCAGCCGCGGGTGATCCGAATGGGACCTGCGGTGC 3264
QY 74 ACTGGAAGCTCTGGGATCCTGGTCTTTGCTTGCCTGACACAGAGGATCTCAGGACGC 133
DB 3265 TCGGGGTGTGCTTGGGACACAGAGCCCTGTGCTGCTCGCGGCGCGCGCTGTCCACG 3324
QY 134 AGGACCACTCTCACCACCCGACAGGACGAGAGGAGGAGGCTCCCCAACATTGC 193
DB 3325 CACCGAACCTTTACGGCGGC-----ACAGGACATCGCCACAGGGCAGGGCTG 3380
QY 194 CTCAGGCCCCCAGTCCCGGTGACCTTTGGCAGGGGACCCCTCTCTTTGAAGATC 253
DB 3381 TTCGGAACATCCCTCCCGCTGACCGTGGTCCGTACCACTCGCTGACCGTCCGCAA 3440
QY 254 CTCGGCTACCGGCCAGTGGTCTTCCCTGGAGAGACCTGCTGAACTGGAGTCTGGCCCC 313
DB 3441 CTCGCCCGACCTGCGCGCACCGCCACACCGCCGACCGGCGAGCTGATGGCGGTGCC 3500
QY 314 CTGAACCGCTAGAACGATCCTCTCAACTCCCGGCGCTGACGACCTTTGGCGGCGAG 373
DB 3501 CACGGCACCTGCCCCCTTGGGGTGAGTTCCACCCGGAATGATCAGCAGGGAACAC 3560
QY 374 GACCCAGCCCCAGAAACCCCTGGCTCTCTGCTTGGCTTGGAGTGGACACCGACCTC 430
DB 3561 GGCACCGGATGCTCGGCAACTTCCGCGACTGTCTCCCTGCGCGCGCGCCACCGC 3617

RESULT 7

US-08-658-136-2
; Sequence 2, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53526 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-2
Query Match 5.0%; Score 44.8; DB 3; Length 53526;
Best Local Similarity 50.0%; Pred. No. 0.081;
Matches 112; Conservative 0; Mismatches 112; Indels 0; Gaps 0;
QY 553 CTTCCCAATTAGCTATCTCTTAACCTCTTCCTCATTCCTCGGTTTATTCGTGAAC 612
DB 36008 CTCCCTCTCTCTCCCTCTCTCCCTCTCTCCCTCTCTCCCTCTCTCCCTCTCTCCCTCT 36067
QY 613 CGTAAGTGGTGTCTCAATATTTCTGTCCTCCCTCTCCCTCTCCCTCTCCCTCTCCCTCT 672
DB 36068 CCTCCCTCTCTCTCCCTCTCCCTCTCCCTCTCCCTCTCCCTCTCCCTCTCCCTCTCT 36127
QY 673 ATCGCCCGTTTTTCTCTGACAGCCTAAGCCTACTCTCTACCTCGCTCCAGGCTCG 732
DB 36128 TTCTTCTCTCTCTCCCTCTCCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 36187
QY 733 GCCCCACCTACTCCACCGGCTTTCTCTGCGCGGCGATCGCT 776
DB 36188 CTTCCCTCTCTCTCCCT 36231

RESULT 8

US-08-658-136-1
; Sequence 1, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/658,136
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LASSEN, ELIZABETH
; REGISTRATION NUMBER: 31,845
; REFERENCE/DOCKET NUMBER: GEN4-17.8
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 508-872-8400
; TELEFAX: 508-872-5415
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 53577 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-1


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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,852D
; FILING DATE: 10-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR 93/00923
; FILING DATE: 25-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 92/11441
; FILING DATE: 25-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03806.0054-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 645 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: S.pristinaespiralis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 61..645
; OTHER INFORMATION: /product= "gene papA"
;
; US-08-403-852D-9
;
; Query Match 4.9%; Score 43.8; DB 2; Length 645;
; Best Local Similarity 46.1%; Pred. No. 0.021;
; Matches 185; Conservative 0; Mismatches 212; Indels 4; Gaps 1;
;
; QY 14 CCAGGCACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCTCA 73
; DB 248 CCACCGACACCGACTGGGCTCAGCCGCGGTGATCCCGATGGGACTGCGGTGC 307
;
; QY 74 ACTGGAAGCTCTGGGATCTGTCTCTTTGCTTGCACACAGAGGATCTCAGGCGACG 133
; DB 308 TCGGGGTGTGCTGGGCGACAGGCCCTGTGCTGCTCGCGGCGCGGTGTCTCCACG 367
;
; QY 134 AGGGCCACCTCTCACCACCCGAGAGGACGAGAGGAGGAGGCTCCCAACATTGC 193
; DB 368 CACCGAACCTTTTCAGCGCGC-----ACCAGCGACATCCGCCACGAGCGGCGCTG 423
;
; QY 194 CTAGGCGCCCGCCAGTCCCGGTGACCTTGGCCAGGCGACCCCTCTCTTTGAAGATC 253
; DB 424 TTGCGAAGATCCCTCTCCCGCTGACCGTGTGCTTACACTCGCTGACGCTCGGCAA 483
;
; QY 254 CTCGCGCTACCCGCGCCAGTGTCTCTTGGAGAGACCTGCTGAACTGGAGTCTGGCCCC 313
; DB 484 CTGCGCGCGGACTGTGCGCGCCACGCGCCACACGCGGAGCTGATGGCGTGC 543
;
; QY 314 CTGAAACGCTAGAACGATCTCTCACTCTCCCGGCTGACGACCTTGGCGGCGAG 373
; DB 544 CACGCGACCTGCGCGCTTGGGCTGAGTGTCCACCCCGAATGATCAGCAGCGAACAC 603
;
; QY 374 GACCCAGCGCCAGAAACCCCTGGCTCTCTGCTGCTGAG 414
; DB 604 GGCACCGGATGCTCGGCAACTTCCGGAGCTGTCTCTGCG 644
;
; RESULT 12
; US-08-510-646B-9
;
; Sequence 9, Application US/08510646B
; Patent No. 6077699
; GENERAL INFORMATION:
; APPLICANT: Blanc, Veronique
; APPLICANT: Blanche, Francis
; APPLICANT: Crouzet, Joel
; APPLICANT: Jacques, Nathalie
; APPLICANT: Lacroix, Patricia
; APPLICANT: Thibaut, Denis
; APPLICANT: Zagorec, Monique
; APPLICANT: Debussche, Laurent
; APPLICANT: De Crey-Lagard, Valerie
; TITLE OF INVENTION: Polypeptides Involved In The
; TITLE OF INVENTION: Biosynthesis Of Streptogramins, Nucleotide Sequences
; TITLE OF INVENTION: Coding For These Polypeptides And Their Use
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/510,646B
; FILING DATE: 03-AUG-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/403,852
; FILING DATE: 10-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR 93/00923
; FILING DATE: 25-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 92/11441
; FILING DATE: 25-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03806.0054-01000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 645 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: S.pristinaespiralis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 61..645
; OTHER INFORMATION: /product= "gene papA"
;
; US-08-510-646B-9
;
; Query Match 4.9%; Score 43.8; DB 3; Length 645;
; Best Local Similarity 46.1%; Pred. No. 0.021;
; Matches 185; Conservative 0; Mismatches 212; Indels 4; Gaps 1;
;
; QY 14 CCAGGCACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCTCA 73
; DB 248 CCACCGACACCGACTGGGCTCAGCCGCGGTGATCCCGATGGGACTGCGGTGC 307
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QY 74 ACTGGAAGCTCTGGGATCTCTGCTTGTCTTGTCTGCACACACAGGAGCATCTCAGGAGCG 133
Db 308 TCGGGGTGTCTCTGGGACACAGGAGGCTGTCTGCTCTGCGCGCGCGCGTCTGCTCCACG 367
QY 134 AGGGCCACCCCTCTCACCACCCGAGAGGACGAGGAGGAGGCTCCCCAACATTGC 193
Db 368 CACCGGAACCTTTACGGCCGCG---ACAGGGACATCCGCCACGACGGGAGGGCGCTG 423
QY 194 CTCAGGGCCCCCAGTCCCGGTGACCTTTGGCCAGGGGACCCCTCTCTTTTGAAGATC 253
Db 424 TTGCGGAACATCCCTCCCGGCTGACCGTGTCTGCTTACCACTCGCTGACCGTCCGGCAA 483
QY 254 CTCGGCTACCCGCCCGGAGTGTCTCTGGAGAGACCTGCTGAACTGGAGTCTGGCCCC 313
Db 484 CTCGGCGGACCTGCGCGGACCGCCACACCGCGGACGCGGAGCTGTGCGCGTCCGCC 543
QY 314 CTGAACCGCTAGACGATCTCTCACTTCCCGGCTGACGACCTTGGCCGGCAG 373
Db 544 CACCGCACCTGCGCGCTTGGCGGTGAGTTTCAACCCGGAATCGATCAGCAGGAACAC 603
QY 374 GACCCAGCCCCCAGAAACCCCTGCGCTCTCTGCCCCCTGAG 414
Db 604 GCGCACCGGATCTCGCCAACTTCCGCGACCTGTCTCTGCG 644

RESULT 13

US-09-231-818-9
; Sequence 9, Application US/09231818
; Patent No. 6171846
; GENERAL INFORMATION:
; APPLICANT: Blanc, Veronique
; APPLICANT: Blanc, Francis
; APPLICANT: Crouzet, Joel
; APPLICANT: Jacques, Nathalie
; APPLICANT: Lacroix, Patricia
; APPLICANT: Thibaut, Denis
; APPLICANT: Zagorec, Monique
; APPLICANT: Debussche, Laurent
; APPLICANT: De Crescy-Lagard, Valerie
; TITLE OF INVENTION: Polypeptides Involved In The
; TITLE OF INVENTION: Biosynthesis Of Streptogramins, Nucleotide Sequences
; TITLE OF INVENTION: Coding For These Polypeptides And Their Use
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/231,818
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/403,852
; FILING DATE: 10-MAY-1995
; APPLICATION NUMBER: PCT/FR 93/00923
; FILING DATE: 25-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 92/11441
; FILING DATE: 25-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 03806.0054-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400

; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 645 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: S.pristinae spiralis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 61..645
; OTHER INFORMATION: /product= "gene papA"
US-09-231-818-9

Query Match 4.9%; Score 43.8; DB 3; Length 645;

Best Local Similarity 46.1%; Pred. No. 0.021;
Matches 185; Conservative 0; Mismatches 212; Indels 4; Gaps 1;

QY 14 CCAGGCACCCAGACTCAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCA 73
Db 248 CCACCGACACCGACCTGGGCTTACGCCCGGGGTGATCACCAGATGGGACCTCCCGCTGC 307
QY 74 ACTGGAAGCTCTCTGGGGATCTCTGCTCTTGTCTGCACACACAGGAGCATCTCAGGCGAGCG 133
Db 308 TCGGGGTGTCTCTGGGCCACACAGGCTCTGCTCTGCTCGCGCGCGCGCTGTCTCCACG 367
QY 134 AGGGCCACCCCTCTCACCACCCCGCAGAGGACGAGGAGGAGGAGGCTCCCCAACATTGC 193
Db 368 CACCCGGAACCTTTACGGCCGCG---ACCAGGGACATCCGCCACGACGGGAGGGCGCTG 423
QY 194 CTCAGGGCCCCCAGTCCCGGTGACCTTTGGCCAGGGGACCCCTCTCTTTTGAAGATC 253
Db 424 TTGCGGAACATCCCTCTCCCGGCTGACCGTGTCTGCTTACCACTCGCTGACCGTCCGGCAA 483
QY 254 CTCGGCTACCCGCCCGGAGTGTCTCTGAGAGACCTGCTGAAACTGGAGTCTGGCCCC 313
Db 484 CTGCGCGCGGACCTGCGCGCCACCGCCACACCGCGCGGCGAGCTGTGCGCGTCCGCC 543
QY 314 CTGAACCGCTAGACGATCTCTTCAACCTTCCCGGCTTACGACACCTTGGCCCGGCGAG 373
Db 544 CACCGCACCTGCGCGCTTCCGCGGTGAGTTTCAACCCGGAATCGATCAGCAGGAACAC 603
QY 374 GACCCAGCCCCCAGAAACCCCTGCGCTCTCTGCCCCCTGAG 414
Db 604 GCGCACCGGATCTCGCCAACTTCCGCGACCTGTCTCTGCG 644

RESULT 14

US-09-635-359B-9
; Sequence 9, Application US/09635359B
; Patent No. 6670157
; GENERAL INFORMATION:
; APPLICANT: Blanc, Veronique
; APPLICANT: Blanc, Francis
; APPLICANT: Crouzet, Joel
; APPLICANT: Jacques, Nathalie
; APPLICANT: Lacroix, Patricia
; APPLICANT: Thibaut, Denis
; APPLICANT: Zagorec, Monique
; APPLICANT: Debussche, Laurent
; APPLICANT: De Crescy-Lagard, Valerie

De Crescy-Lagard, Valerie
; Biosynthesis Of Streptogramins, Nucleotide Sequences
; Coding For These Polypeptides And Their Use

NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington
STATE: D.C.

TITLE OF INVENTION: Polypeptides Involved In The
Biosynthesis Of Streptogramins, Nucleotide Sequences
Coding For These Polypeptides And Their Use

COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/635,359B
FILING DATE: 09-AUG-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/231,818
FILING DATE: 15-JAN-1999
APPLICATION NUMBER: US 08/403,852
FILING DATE: 10-MAY-1995
APPLICATION NUMBER: PCT/FR 93/00923
FILING DATE: 25-SEP-1993
APPLICATION NUMBER: FR 92/11441
FILING DATE: 25-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03806.0054-03000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 645 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: S.pristinaespiralis
FEATURE:
NAME/KEY: CDS
LOCATION: 61..645
OTHER INFORMATION: /product= "gene papa"
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-635-359B-9

Query Match 4.9%; Score 43.8; DB 4; Length 645;
Best Local Similarity 46.1%; Pred. No. 0.021;
Matches 185; Conservative 0; Mismatches 212; Indels 4; Gaps 1;
QY 14 CCAGGCAACCCAGTCTAGCCACCCAGCTTTGGGGCCAGTACATAGCCATGATCTCA 73
DB 248 CCAACGACACCGACTGGGCTTACGCGCGGGGTATACCGAATGGGACCTGCCGTGC 307
QY 74 ACTGGAAGCTCTGGGATCTGTCTCTTTGCTGCACACACAGAGGCATCTCAGGCGACG 133
DB 308 TCGGGGTGCTGGGACACAGGSCCTGTGCTGCTCGCGGCGCGCGTGTCCACG 367
QY 134 AGGGCCACCCCTCTACACCAACCCGACAGGACCGAGAGGAGGAGGCTCCCCAACATTC 193
DB 368 CACCCGAACCTTTACAGGGCGC-----ACCAGCAGCATCGGCCACGACGAGGGCGCTG 423
QY 194 CTCAGGGCCCCCAGTCTCCGGTGACCTTGGCCAGGGGACCCCTCTTTGAAGATC 253
DB 424 TTGCGAACATCTCCCTCCCGCTACCGGTGTCGCTTACCACTCGCTGACCGTCCGCGAA 483
QY 254 CTCGGCTTACCGCCCGCCAGTCTGCTTCCCTGGAGAGACCTGCTGAAACTGGAGTCTGGCCCC 313
DB 484 CTGCGCCCGCAGCTCTGGGACACCGCCACACACCGCGACGGGAGCTGATGGCGCTGCC 543
QY 314 CTGAACCGCTTAGAACGGATCTCTCAACCTCCCGGCTGTGACGACCTTTGGCGGCGAG 373
DB 544 CACCGCACCTGCCCCGCTTGGGGTGCAGTTCCACCCCGAATCGATCAGCAGCGAACAC 603
QY 374 GACCCAGCCCCCAGAAACCCCTGGCTCTCTGCCCCCTGAG 414

DB 604 GGCACCGGATGCTCGCCAACTTCGCGGACCTGTCTCTCGG 644
RESULT 15
US-09-249-585A-2/c
; Sequence 2, Application US/09249585A
; Patent No. 6417002
; GENERAL INFORMATION:
; APPLICANT: Hotlick, Robert
; TITLE OF INVENTION: METHOD FOR MAINTENANCE AND SELECTION OF EPISODES
; FILE REFERENCE: 0867/00905
; CURRENT APPLICATION NUMBER: US/09/249,585A
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2
; LENGTH: 1926
; TYPE: DNA
; ORGANISM: Epstein Barr Virus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1926)
; OTHER INFORMATION: coding strand of EBNA-1 DNA
US-09-249-585A-2

Query Match 4.8%; Score 42.6; DB 3; Length 1926;
Best Local Similarity 43.6%; Pred. No. 0.076;
Matches 247; Conservative 0; Mismatches 314; Indels 6; Gaps 1;
QY 194 CTCAGGGCCCCCAGTCCCGGTGACCTTGGCCAGGGCACCCTCTCTTTGAAGATC 253
DB 865 CTCCTGCCCCCTCTGCCCCCTCTCTCTGCTCTGCTGCCCCCTCTCTCTCTCTCTG 806
QY 254 CTCGGCTTACCCGCCCGCAGTCTGCTCTGGAGAGACCTGCTGAAACTGGAGTCTGGCCCC 313
DB 805 CCCCTCTGCCCCCTCTGCTCTGCTGCCCCCTCTCTGCTCTGCTGCCCCCTCTGCCCC 746
QY 314 CTGAACCGCTTAGAACGGATCTCTCTCAACCTCCCGGCTGTGACGACCTTTGGCGGCGAG 373
DB 745 CTCCTGCTCTGCCCCCTCTGCTCTGCTGCCCCCTCTCTGCTCTGCTGCCCCCTCTGCCCC 686
QY 374 GACCCAGCCCCCAGAAACCCCTGGCTCTCTGCCCCCTGAGTGGACACCGA-----C 427
DB 685 CTCCTGCCCCCTCTGCCCCCTCTCTCTGCTCTCTGCCCCCTCTCTGCTCTGCCCCCTCTGCCCC 626
QY 428 CTCAGGAGGAGCCAGACCTAGACCCACCCCGGAGAGATACAGATAATGGAGTCCCTCA 487
DB 625 CTCCTGCCCCCTCTGCTCTGCTGCCCCCTCTCTCTGCTCTGCCCCCTCTGCCCCCTCTGCCCC 566
QY 488 GCGGTCTGTTCAGGAGATCTCCAGGACACAGCCCTCTCCACCTCTGATTCCTCCGT 547
DB 565 CTCCTGCTGCTCTGCCCCCTCTGCTGCTCTGCTCTCTGCTCTCTGCTCTCTGCTCTCTGCTCTG 506
QY 548 GAATTCCTCCAAATTTAGCTATCTCTTAAACCTCTCTCTCATTTCCCTCGGTTTATTTC 607
DB 505 CCCCTCTGCCCCCTCTGCCCCCTCTCTGCTCTCTGCTCTCTGCCCCCTCTGCCCCCTCTCTCTCTG 446
QY 608 TGAACCCGTAAGGTGGTGTCTCAATATTTCTGTGCTCCCTCTCTGAGATCATATCTTAGTC 667
DB 445 CTGCCCCCTCTCTGCTCTGCTGCCCCCTCTGCCCCCTCTCTGCCCCCTCTCTGCTCTCTGCCCC 386
QY 668 CTCACATCGCCCGTGTTCCTCTGACAGCTTAAGCTTACTCTCTTACTCTGCTGCTGCTGCTGCTG 727
DB 385 CTCCTGCTGCTCTGCCCCCTCTGCTGCTCTGCTGCCCCCTCTGCTGCCCCCTCTCTCTCTCTGCTG 326
QY 728 CTTGCGCCCCACCTACTCTCCACCCGG 754
DB 325 CCCCTCTCTGCTCTCTGCCCCCTCTCTG 299

Search completed: June 29, 2005, 21:51:13
Job time : 202 secs

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